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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/724,544
Filing Date	DECEMBER 1, 2003
First Named Inventor	COPELAND
Art Unit	1860
Examiner Name	HAWK, NOAH CHANDLER
Attorney Docket Number	JC-JS1

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
NCH	A1	US- 3,331,645	07-18-1967	Vercellotti	
	A2	US- 3,359,695	12-26-1967	Gazzerro	
	A3	US- 4,446,660	05-08-1984	Miller et al	
	A4	US- 4,699,437	10-13-1987	Genereaux	
	A5	US- 4,733,925	03-29-1988	Duran et al	
	A6	US- 5,011,239	04-30-1991	Guerin	
	A7	US- 5,039,902	08-13-1991	Schwarz	
	A8	US- 5,242,219	09-07-1993	Tomaka	
	A9	US- 5,407,261	04-18-1995	Mercer	
	A10	US- 5,595,028	01-21-1997	Handzlik	
	A11	US- 5,628,153	05-13-1997	Fontanez	
	A12	US- 5,649,751	07-22-1997	Longhurst	
NCH	A13	US- 5,845,979	12-08-1998	Longhurst	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				

Examiner  
Signature /Noah Chandler Hawk/

Date  
Considered 10/02/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached